

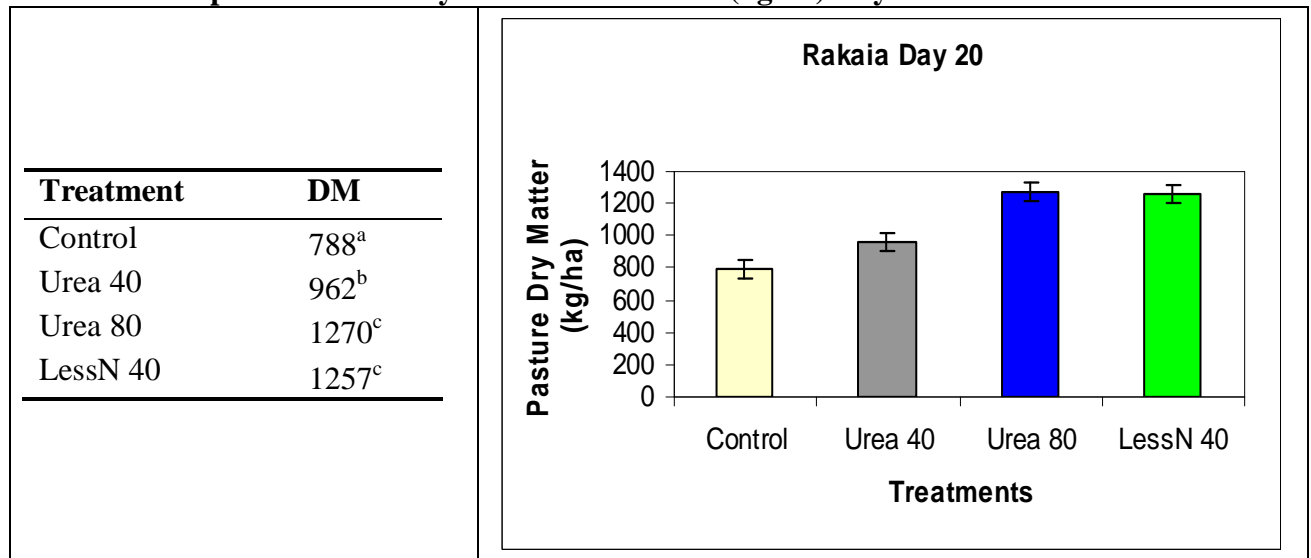


Rakaia

The trial was on a Rakaia dairy farm. The trial area was irrigated ryegrass-white clover based pasture under normal dairying conditions. Before treatment application, the selected trial paddock was harvested as a part of hay making. It was started on 26 September 2008 and finished on 16 October 2008, after pasture growth assessment on Day 20.

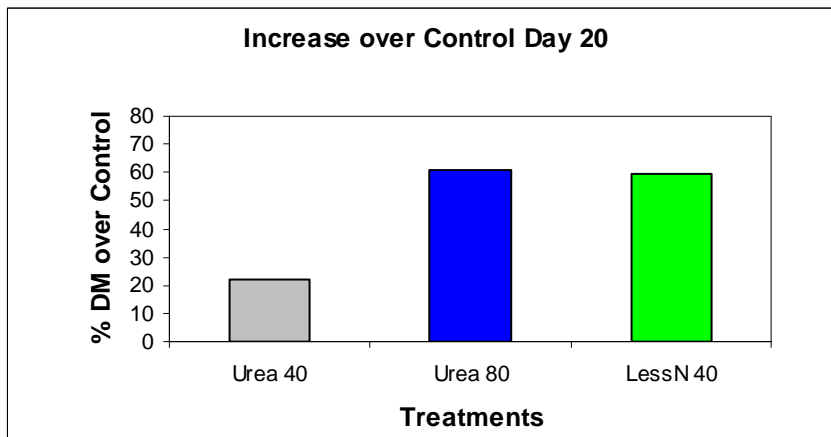
LessN 40 performed similarly to Urea 80 at Day 20 and both these treatments caused statistically significantly greater pasture growth than Urea 40. Urea 40 in turn was statistically significantly better than Control.

Table and Graph of Pasture Dry Matter Production (kg/ha) Day 20



* Treatments that share the same letter are not statistically significantly different from each other (95% confidence level).

Graph of the Increase over Control (%) Day 20





Soil test report (pre treatment application)

Analysis	Level Found	Medium Range	Low	Medium	High
pH	6.2	5.8 - 6.3			
Olsen P (mg/L)	48	20 - 30			
Potassium (me/100g)	0.34	0.50 - 0.80			
Calcium (me/100g)	6.9	6.0 - 12.0			
Magnesium (me/100g)	0.72	1.00 - 3.00			
Sodium (me/100g)	0.08	0.20 - 0.50			
CEC (me/100g)	11	12 - 25			
Base Saturation (%)	71	50 - 85			
Volume Weight (g/mL)	1.08	0.60 - 1.00			
Sulphate-S (mg/kg)	21	7 - 15			
Available N (15cm Depth) (kg/ha)	81	150 - 250			
Base Saturation	K 3.0	Ca 61	Mg 6.4	Na 0.8	
MAF Units	K 7	Ca 9	Mg 18	Na 4	
Anaerobically Mineralisable N	50 ug/g				